suprema

BioMini & SDK

High Performance PC Fingerprint Solution

award winning algorithm
precise scanning
sleek design

| **BioMini** | Suprema's fingerprint-based PC solution has been designed specially to provide high level biometric security for desktops as well as complex network environments. Our latest range of high-performance fingerprint USB scanners are supported by powerful software development kit (SDK) which features Suprema's award-winning algorithm, ranked top in FVC2004/2006 and NIST MINEX tests. Suprema PC solution provides unrivalled versatile platform for development to leading security companies, system integrators and hardware manufacturers.

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BioMini Front View

BioMini Side View

SFU300 (OEM version)

BioMini Features

World's best performing fingerprint algorithm : Top results in NIST MINEX tests and FVC2004/2006
NIST certified interoperable template format standards (ANSI378 / ISO19794-2)
Fast matching speed : 100,000 match within a second*
Multi-threaded code design fully utilizing multi-core CPU power

Plug and play USB 2.0 high speed interface
Supports multiple device handling

500 dpi optical fingerprint sensor
Scratch free sensor surface

BioMini SDK for easy application software development
Supports MS Windows and Linux
Supports multiple programming languages

*with Intel Core2Duo 2.13GHz

BioMini Specifications

Fingerprint Sensor	Optical (Scratch free sensor surface)
Resolution	500 DPI / 256 gray
Imaging Area	16 x18 mm
Interface	USB 2.0 High speed / Full speed, Plug & Play
O/S	Microsoft Window & Linux
Operating Temperature	-10 ~50℃
Certification	CE, FCC, MIC
Size	66 x 90 x 58 mm (W x L x H)

BioMini SDK

The BioMini SDK enables a user to develop fingerprint applications quickly and easily.

Contents :
- Fingerprint algorithm library for PC Windows or Linux
- Sample application program with source code
  (VC, VB, C#.NET, VB.NET, ASP.NET)
- Technical documents
- Fingerprint scanner : BioMini or SFU300:

SDK Specifications

Data Space	256 KB
Template Size	384 Bytes (configurable)
Enrollment Time*	< 0.1 second
Verification Time*	< 0.1 second
Identification Time*	10,000 match per second
Database	Microsoft Access
Encryption	256 bit AES
Supported Platforms	Microsoft Windows 98/ME/2000/XP/VISTA and Linux

*with Intel Core2Duo 2.13GHz